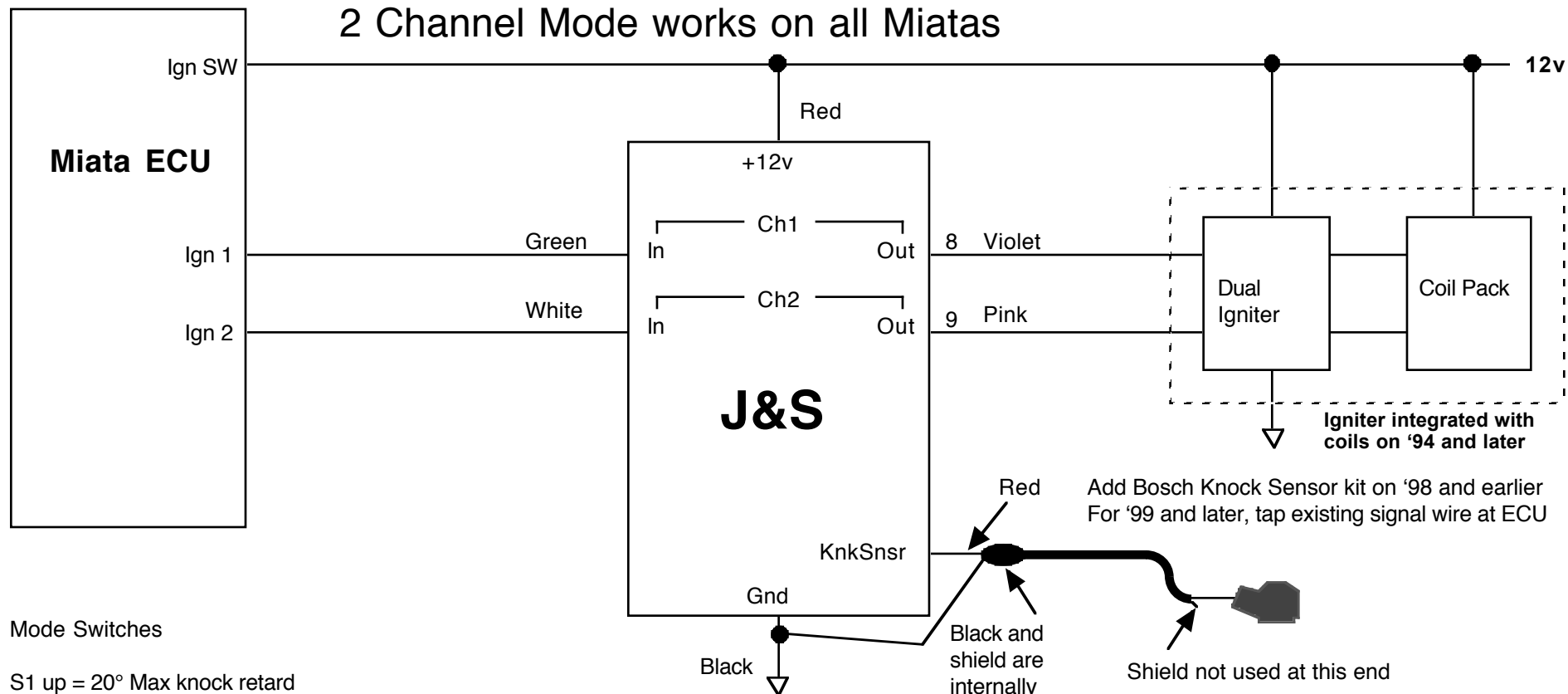


# J&S Electronics

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## 2 Channel Mode works on all Miatas



### Mode Switches

S1 up = 20° Max knock retard  
 S1 dn = 10° Max knock retard

S2 up = Retard all cylinders equally  
 S2 dn = Individual cylinder retard

S3 & S4 set number of cylinders

Up Up 8  
 Dn Up 6  
 Up Dn 5  
 Dn Dn 4

S5 dn (falling edge trigger)

S6 up = Closed loop knock controller  
 S6 dn = Detector (no knock retard)

In detector mode, detections are visible on Status LED and optional bargraph gauge, but knock-finder is disabled.

Note: Knock-Finder LED1 is related to channel 1, LED2 is related to channel 2, etc.

Knock.retard signal from the Monitor jack can be data logged if desired. Range is 0 to 1.3v. Signal is available at connector pin K3, Brown wire.